

Publications from the Technology Platform “MEMS Actuators” of the Research Fab Microelectronics Germany (2022)

- Okocha J., Rudolph M. (2022): A Compact Wide Coverage 0.7-1.5 GHz MEMS-based Impedance Tuner. In: 2022 German Microwave Conference, GeMiC 2022, pp. 25-28 (Conference Paper). DOI: . Link: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133497787&partnerID=40&md5=6aadbca6b3cbff29760ef971661b461a>
- Goritz A., Wipf S.T., Drost M., Lisker M., Wipf C., Wietstruck M., Kaynak M. (2022): Monolithic Integration of a Wafer-Level Thin-Film Encapsulated mm-Wave RF-MEMS Switch in BEOL of a 130-nm SiGe BiCMOS Technology. In: IEEE Transactions on Components, Packaging and Manufacturing Technology, Vol.12, Nr.6, pp.921-932 (Article). DOI:10.1109/TCPMT.2022.3172502. Link: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129380123&doi=10.1109%2fTCPMT.2022.3172502&partnerID=40&md5=c4d517b385d2ec9ea02470aa2d00bce0>
- Melnikov A., Köble S., Schweiger S., Chiang Y.K., Marburg S., Powell D.A. (2022): Microacoustic Metagratings at Ultra-High Frequencies Fabricated by Two-Photon Lithography. In: Advanced Science, Vol. 9, Nr. 20, Art. 2200990 (Article). DOI:10.1002/advs.202200990. Link: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128780088&doi=10.1002%2fadvs.202200990&partnerID=40&md5=4fe46d0a1026c590dbbb6367447704f5>